

## CLAIMS

1. Method for estimation and control of the concentrations of pollutant gases at the discharge of a gas turbine, comprising the following steps:

- 5     • receipt of a plurality of signals corresponding to data relating to the operating state of the turbine;
- processing of this data; and
- evaluation of the emissions into the atmosphere
- 10     from this turbine on the basis of the said data processed.

2. Method according to claim 1, additionally comprising the step of storage of the data processed in order to create a historic file of the emissions from

15 the turbine.

3. Method according to claim 1, wherein the said step of processing this data comprises the step of interfacing this data with refinement parameters.

4. System for estimation and control of the

20 concentrations of pollutant gases at the discharge of a gas turbine, characterised in that it comprises:

- an acquisition unit (3) for the data relating to the operating state of the turbine, the said data

being detected by a control panel (2) of the turbine; and

- a local processing unit (4) which processes the said data in association with the said acquisition unit and makes the data available for consultation, in order to evaluate the emissions by the said turbine into the atmosphere, on the basis of the said data processed.

5. System according to claim 4, wherein the said local processing unit comprises a data base for storage of the data processed.

6. System according to claim 4, also comprising a remote processing unit (5) which is connected to the said local processing unit by means of a telecommunications line.

7. System according to claim 6, wherein the said telecommunications line is an Internet line.

8. System according to claim 7, wherein the said remote unit consults this data by means of an Internet consultation programme.

9. System according to claim 4, wherein the said local processing unit comprises a calculator which carries out the processing of this data.

10. System according to claim 9, wherein the said calculator carries out statistical calculation of the data stored in the historic data base for operation of the turbine.